

IN THE SPECIFICATION

Please replace paragraph 22 of the specification with the following amended paragraph.

In one embodiment, a joint 152 between ~~replacement tip~~replacement 120 and preserved portion 98 may be configured and placed where it can be a simple geometry, and then welded using a high yield automated process. Additionally, undamaged portion 120 may be fabricated from a material similar to damaged portion 90 thereby more closely matching the original material, i.e. forged vs. cast. In the exemplary embodiment, the methods described herein can be adapted to weld common blade alloys such as, but not limited to, a nickel based alloy, a titanium based alloy, and an iron based alloy, i.e. A286. Additionally, the methods described herein provides superior weld properties and facilitates improving control of the airfoil shape and orientation, while reducing distortion compared to other known compressor blade repair methods. Further, a single weld joint facilitates reducing weld defects since other known methods require multiple pass welding material build up. Accordingly, there is less weld area to fluorescent penetrant inspect or X-ray using the resistance projection weld methods described herein.